

Abstract

A process is provided that produces polyolefins.

1. A process for producing polyolefins, comprising:
a) providing a feed stream comprising a mixture of ethylene and propylene;
b) reacting the feed stream with a catalyst system comprising a metallocene complex and a cocatalyst;
c) separating the reaction product into a first fraction and a second fraction;
d) recovering the first fraction as a polyolefin product;
e) recovering the second fraction as a polyolefin product.